

Let Abtex Take the Edge Off All of Your Powdered Metal Part Deburring Needs

The solution to any deburring challenge you have starts with Abtex. With a group of dedicated engineers and lab technicians, Abtex can find or create a custom engineered deburring solution in the form of an abrasive filament brush or system. An abrasive filament brush produces optimal deburring results. Due to the self-sharpening features of the filament, each time the filament strikes the part at a perpendicular angle, the fibers are sharpening themselves, as well as removing the burrs from your part. A deburring system helps boost efficiency and allows for a high capacity of parts to be deburred within seconds. The only deburring challenge Abtex hasn't solved yet, is yours. **Contact Abtex today** to learn more about solving your deburring challenge.



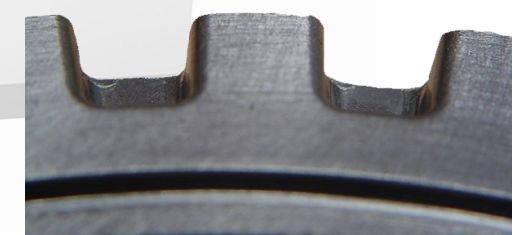
Deburring Your Green or Sintered Part -

An Abtex deburring system allows for a high capacity of parts to pass through a system in a flow through operation. Abtex has made it easy to deburr your parts whether they're in the green state or sintered. The results shown below are due to the use of the properly designed abrasive filament brushes. Abtex produces abrasive filament brushes and deburring systems to work together in perfect synchronization for the most optimal results, however; the results derive from the brush. Whether you need a deburring solution, that requires an abrasive filament brush, or a complete deburring system, Abtex can take the edge off all your deburring needs.

Before Green Part After



Before Sintered Part After



Abtex Deburring Enhances the Quality and Productivity for Powdered Metal Parts

Since 1980, companies from all over the globe have relied on Abtex to solve their deburring challenges. The first step to solve any deburring challenge is determining which abrasive filament brush is most optimal for your application. The next step in the deburring solution is to boost your company's productivity and quality, which is complimented by a deburring system. Each deburring system Abtex designs is customized for your specific application and ensures your parts meet the most stringent deburring requirements every time. Abtex has the capability to customize each deburring system to meet your deburring needs.

Green Part Deburring with a GP2 Deburring System-

Deburr your parts with ease in the green state without affecting the parts geometry! Abtex engineered the GP2 to remove the burrs in a quick and effective manner, prior to the sintering process. The GP2 applies the application specific brushes so the abrasive filaments can exert less force and operate more efficiently, resulting in a properly deburred green part.



GP2 Deburring System Video



Sintered Part Deburring with a Tri-Ten Deburring System-

Sintered parts produce well attached burrs that are tough to remove but, they're no challenge for an Abtex deburring system. Abtex's Tri-Ten Deburring System consistently removes the toughest burrs from your sintered parts within seconds, in a repeatable and robust process. The Tri-Ten Deburring System can be configured to deburr both the top and bottom faces of your part by utilizing a turnover conveyor, in one flow through operation! Abtex deburring systems are ruggedly built for 24/7 use and are simple and easy to use, and maintain stringent deburring requirements.



Planetary Head -

Three 10 inch diameter abrasive filament brushes rotate on their own axis in conjunction with a central axis to provide multi-directional deburring. Abtex Tri-Ten Deburring Systems can have multiple planetary heads, in order to provide a multi-step deburring process.

Tri-Ten (2) Flow Through Deburring System -

Ruggedly built for 24/7 use, the Tri-Ten (2) Flow Through Deburring System deburrs the toughest sintered parts by using two planetary heads. The first planetary head is used to remove the primary burrs, proceeded by the second planetary head to remove any remaining burrs. [Contact Abtex today](#) to learn more!



Tri-Ten (2) Flow Through Deburring System Video



Tri-Ten (2) Return to Operator (RTO) Deburring System -

The Tri-Ten (2) RTO Deburring System was designed to take up less space on your production floor while providing the same functions as a standard Tri-Ten Deburring System. Within a small footprint the Tri-Ten (2) RTO Deburring System can deburr both the top and bottom face of your parts within seconds!

Tri-Ten RTO (2) Deburring System Video

